HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985
MANUFACTURING	$354.56	$352.08	$336.20	40.2	40.1	39.6	$8.82	$8.78	$8.49
DURABLE GOODS	362.97	359.57	343.10	41.2	41.0	40.7	8.81	8.77	8.43
LUMBER AND WOOD PRODUCTS	266.66	250.38	250.74	41.6	39.0	39.8	6.41	6.42	6.30
FURNITURE AND FIXTURES	221.76	218.50	219.45	38.5	38.0	39.9	5.76	5.75	5.50
HOUSEHOLD AND OFFICE FURNITURE	220.03	217.74	218.50	38.4	38.0	39.8	5.73	5.73	5.49
STONE, CLAY & GLASS PRODUCTS	349.21	350.63	307.09	42.9	42.5	40.3	8.14	8.25	7.62
PRIMARY METAL INDUSTRIES	433.57	455.54	392.09	43.4	45.6	40.8	9.99	9.99	9.61
FABRICATED METAL PRODUCTS	406.69	397.38	375.48	42.9	42.5	42.0	9.48	9.35	8.94
FABRICATED STRUCTURAL METAL PRODUCTS	356.83	343.96	354.90	43.2	42.1	43.6	8.26	8.17	8.14
MACHINERY EXCEPT ELECTRICAL	370.36	375.66	339.82	40.3	40.7	40.6	9.19	9.23	8.37
CONSTRUCTION AND RELATED MACHINERY	365.12	383.88	330.30	40.3	41.5	39.7	9.06	9.25	8.32
SPECIAL INDUSTRY MACHINERY	423.53	390.22	389.39	41.0	39.1	43.9	10.33	9.98	8.87
ELECTRIC & ELECTRONIC EQUIPMENT	356.31	356.31	353.47	39.9	39.9	38.8	8.93	8.93	9.11
COMMUNICATION EQUIPMENT	366.92	360.87	388.05	40.1	39.7	39.8	9.15	9.09	9.75
INSTRUMENTS & RELATED PRODUCTS	263.21	254.38	260.52	39.7	39.5	38.2	6.63	6.44	6.82
MISC. MANUFACTURING INDUSTRIES	288.75	278.02	263.84	39.5	38.4	38.8	7.31	7.24	6.80
NONDURABLE GOODS	346.63	346.33	329.18	39.3	39.4	38.5	8.82	8.79	8.55
FOOD & KINDRED PRODUCTS	321.40	311.54	304.17	39.1	38.7	38.6	8.22	8.05	7.88
TEXTILE MILL PRODUCTS	263.20	256.19	235.84	37.6	37.4	35.2	7.00	6.85	6.70
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	299.41	282.89	263.93	41.7	39.9	38.7	7.18	7.09	6.82
KNITTING MILLS	237.89	233.90	198.69	33.6	33.8	29.7	7.08	6.92	6.69
MISC. TEXTILE GOODS	269.89	288.32	223.76	39.4	42.4	34.8	6.85	6.80	6.43
APPAREL & OTHER TEXTILE PRODUCTS	201.79	199.88	187.60	37.3	37.5	35.0	5.41	5.33	5.36
MENS & BOYS SUITS, COATS AND FURNISHINGS	210.36	198.14	204.42	37.1	35.7	35.8	5.67	5.55	5.71
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	186.25	189.59	170.81	37.4	38.3	34.3	4.98	4.95	4.98
PAPER & ALLIED PRODUCTS	480.26	485.53	443.73	43.7	44.3	42.1	10.99	10.96	10.54
PULP, PAPER & PAPERBOARD	606.06	594.69	565.43	45.5	45.5	43.9	13.32	13.07	12.88
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	373.89	392.77	336.10	42.2	43.4	40.3	8.86	9.05	8.34
PRINTING AND PUBLISHING	389.22	406.61	368.83	39.0	40.1	38.3	9.98	10.14	9.63
NEWSPAPER AND PERIODICALS	340.10	335.61	318.04	35.8	36.4	36.1	9.50	9.22	8.81
CHEMICALS & ALLIED PRODUCTS	472.99	471.33	459.95	41.6	41.6	41.7	11.37	11.33	11.03
PLASTICS MATERIALS AND SYNTHETICS	486.34	482.62	490.62	40.8	40.9	42.7	11.92	11.80	11.49
LEATHER & LEATHER PRODUCTS	171.08	167.32	179.38	37.6	37.1	40.4	4.55	4.51	4.44

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985
MANUFACTURING	$310.31	$293.78	$280.01	40.3	39.7	38.2	$7.70	$7.40	$7.33
DURABLE GOODS	375.58	353.50	356.47	41.5	40.4	43.0	9.05	8.75	8.29
FABRICATED METAL PRODUCTS	447.79	440.37	433.41	41.5	41.9	42.7	10.79	10.51	10.15
MACHINERY & TRANSPORTATION EQUIPMENT	349.86	306.89	307.40	41.7	38.7	42.4	8.39	7.93	7.25
NONDURABLE GOODS	236.90	228.15	188.24	38.9	39.0	32.4	6.09	5.85	5.81
FOOD & KINDRED PRODUCTS	238.74	238.66	232.40	35.9	35.2	35.0	6.65	6.78	6.64
APPAREL & OTHER TEXTILE PRODUCTS	228.26	212.16	143.31	40.4	40.8	28.1	5.65	5.20	5.10

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985
MANUFACTURING	$341.11	$340.13	$318.70	40.9	40.3	39.2	$8.34	$8.44	$8.13
DURABLE GOODS	362.48	360.39	331.93	42.1	41.0	39.8	8.61	8.79	8.34
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	222.60	210.76	196.13	40.4	36.4	37.5	5.51	5.79	5.23
NONDURABLE GOODS	308.50	310.87	297.20	39.1	39.4	38.2	7.89	7.89	7.78
FOOD & KINDRED PRODUCTS	341.12	332.92	335.79	41.6	40.6	39.0	8.20	8.20	8.61
TEXTILE MILL PRODUCTS	258.91	255.82	275.80	38.3	37.4	39.4	6.76	6.84	7.00
APPAREL & OTHER TEXTILE PRODUCTS	138.11	138.99	142.13	29.7	32.1	31.1	4.65	4.33	4.57
PAPER & ALLIED PRODUCTS	454.83	488.37	484.78	43.4	46.6	41.9	10.48	10.48	11.57

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 16,900 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985
MANUFACTURING	$382.12	$374.24	$340.42	41.0	40.9	39.4	$9.32	$9.15	$8.64
DURABLE GOODS	372.19	361.42	328.44	41.4	40.7	40.8	8.99	8.88	8.05
STONE, CLAY & GLASS PRODUCTS	456.26	360.90	298.33	46.7	40.1	40.7	9.77	9.00	7.33
FABRICATED METAL PRODUCTS	391.23	404.35	408.87	40.5	43.2	46.2	9.66	9.36	8.85
ELECTRIC & ELECTRONIC EQUIPMENT	331.70	334.96	297.58	40.6	40.7	38.2	8.17	8.23	7.79
NONDURABLE GOODS	393.90	391.40	356.45	40.4	41.2	37.6	9.75	9.50	9.48
FOOD & KINDRED PRODUCTS	333.69	315.19	321.98	42.4	40.1	40.5	7.87	7.86	7.95

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,300 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985
MANUFACTURING	$441.80	$446.60	$431.17	40.2	40.6	40.6	$10.99	$11.00	$10.62
DURABLE GOODS	341.82	335.40	360.40	39.7	39.0	42.6	8.61	8.60	8.46
LUMBER AND WOOD PRODUCTS	251.03	243.10	237.58	40.1	39.4	42.5	6.26	6.17	5.59
FURNITURE AND FIXTURES	200.63	195.99	224.40	37.5	35.7	42.5	5.35	5.49	5.28
FABRICATED METAL PRODUCTS	359.29	332.23	413.70	39.7	38.1	42.0	9.05	8.72	9.85
FABRICATED STRUCTURAL METAL PRODUCTS	366.30	332.24	393.45	42.2	39.6	43.0	8.68	8.39	9.15
NONDURABLE GOODS	479.85	488.22	460.05	40.4	41.2	39.9	11.88	11.85	11.53
FOOD & KINDRED PRODUCTS	339.47	365.90	313.19	41.5	43.2	39.1	8.18	8.47	8.01
APPAREL & OTHER TEXTILE PRODUCTS	202.16	206.31	204.77	38.0	39.0	36.5	5.32	5.29	5.61
PAPER & ALLIED PRODUCTS	500.31	492.51	434.00	45.4	45.9	42.3	11.02	10.73	10.26
PRINTING AND PUBLISHING	408.20	449.45	432.48	39.1	41.5	40.8	10.44	10.83	10.60
CHEMICALS & ALLIED PRODUCTS	549.61	556.78	545.73	41.2	41.8	41.5	13.34	13.32	13.15

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,000 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985	APR. 1986	MAR. 1986	APR. 1985
MANUFACTURING	$327.64	$330.46	$311.81	40.4	40.3	40.6	$8.11	$8.20	$7.68
DURABLE GOODS	341.95	347.99	320.38	41.1	40.7	41.5	8.32	8.55	7.72
FABRICATED METAL PRODUCTS	301.38	279.36	293.63	40.4	37.7	40.5	7.46	7.41	7.25
FABRICATED STRUCTURAL METAL PRODUCTS	294.69	267.07	277.90	41.1	37.3	39.7	7.17	7.16	7.00
NONDURABLE GOODS	308.50	307.68	299.86	39.5	39.7	39.3	7.81	7.75	7.63
FOOD & KINDRED PRODUCTS	358.97	365.20	358.48	40.7	41.5	43.4	8.82	8.80	8.26
TEXTILE MILL PRODUCTS	222.70	226.15	217.41	34.0	36.3	35.7	6.55	6.23	6.09

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 15,000 production workers.

See footnote Table C-1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.7	200.9	202.9	195.4	7.7%
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3										

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 43.5 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 0.8 percent adjustment in benchmark levels for the first quarter 1985 benchmark.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

EMPLOYMENT, HOURS AND EARNINGS

IN VIRGINIA AND ITS METROPOLITAN AREAS

JUNE, 1986

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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT VIGOROUSLY ADVANCES DURING MAY 1986

TOTAL NONAGRICULTURAL EMPLOYMENT ADVANCED VIGOROUSLY IN VIRGINIA DURING MAY 1986. A gain of 23,100 workers moved the employment level to 2,540,900 over the month. The 1986 total was 91,200 more than the year-ago figure. Seasonal increases were primarily responsible for the upswing.

NONMANUFACTURING CONTINUED TO SPIRAL UPWARD WITH AN INCREASE OF 23,000 WORKERS OVER THE MONTH TO REACH A LEVEL OF 2,115,800. The work force in this area rose by 87,200 workers since May 1985. Trade was the leader in the monthly uptrend with a total of 8,400 helpers added to payrolls. Most of the increase was seasonal due to restaurants adding employees for the summer.

CONSTRUCTION EMPLOYMENT WAS ALSO IN THE PLUS COLUMN WITH AN ADDITIONAL 3,000 JOB HOLDERS REPORTED FOR MAY. Services employment continued to surge forward due to seasonal expansion in hotels and other lodging places; and amusement and recreation facilities. Business services also displayed a sizeable pickup in hires. Overall, the services section had a 6,000-person gain during the month and a rise of 29,200 over the year. Government employment escalated to a level of 536,200 for an increase of 3,400. Most of the increase was centered in state and local education.